

## **Abstract**

Method and apparatus for inspection of cargo transported in containerized shipping Containers. In accordance with the method the container is in fact used as a pressure Vessel to allow the infiltration of gasses into the contents of the container. The gasses are then extracted from the container to be examined by the attached devices. The inspection of the contents also includes radiological materials. The process may be accomplished in a ground based environment or while suspended on the container handling equipment.